

SYSTEM AND METHOD FOR PROCESS-BASED SECURITY IN A NETWORK DEVICE

ABSTRACT OF THE DISCLOSURE

A network device includes a system for providing access to network device resources. A network device processor executes processes. Network device resources are accessed by the network device processor when executing the process. User resource access data is associated with the process, representing resource access permissions. Before the network device processor accesses the network device resource, the network device processor refers to the user resource access data associated with the process to determine if the process has permission to access the network device resource.